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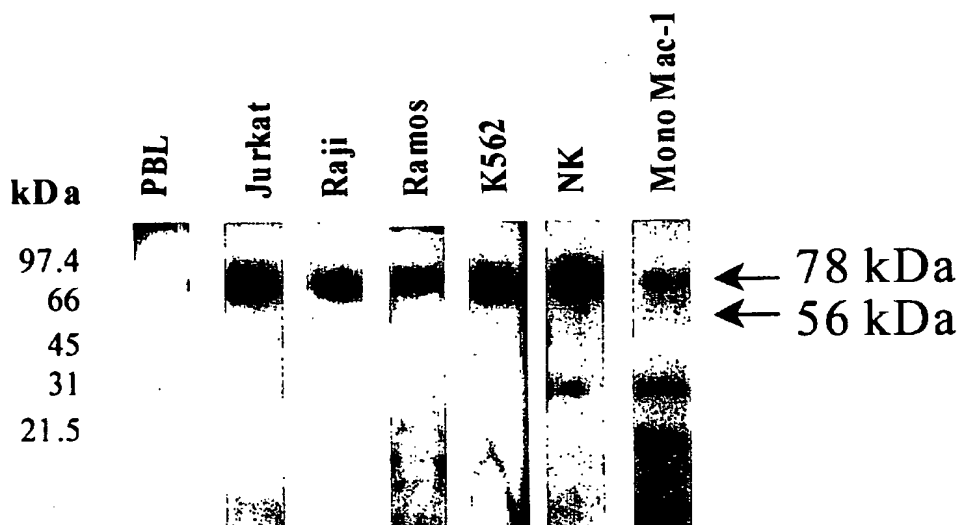
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(54) Title: METHODS FOR SCREENING FOR A COMPOUND USEFUL IN THE TREATMENT OR PREVENTION OF LYMPHOCYTIC DISORDERS, FOR INHIBITING LYMPHOCYTE ACTIVITY AND PREVENTING OR TREATING LYMPHOCYTIC DISORDERS



(57) Abstract: A method of screening for a compound useful in the treatment of a disease or condition characterized by an immune cells disorder, wherein said cell expresses NTPDases, said method comprising the steps of contacting a candidate compound with ecto-nucleoside triphosphate diphosphohydrolase (NTPDase), wherein the candidate compound is selected if the activity of said NTPDase is reduced in the presence of the candidate compound as compared to that in the absence thereof. A method for inhibiting an immune cell activity in a mammal, comprising targeting immune cells with an effective amount of a NTPDase inhibitor. A method to prevent or reduce the risk of rejection of transplanted tissue or organ, comprising administering to said animal an effective amount of NTPDase inhibitor.

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